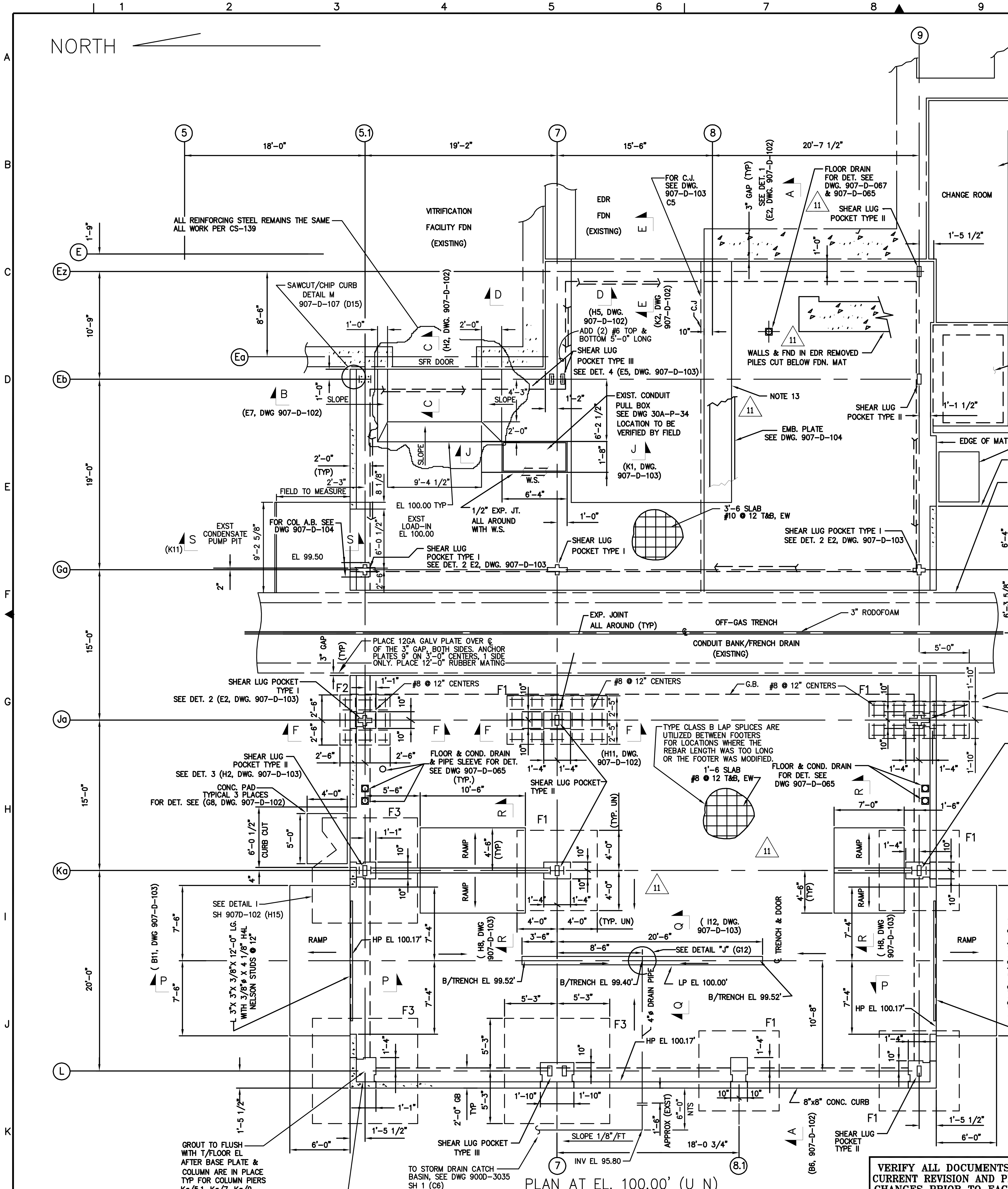
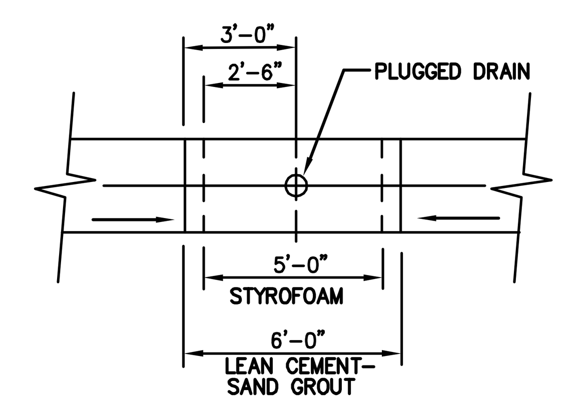
NO	DATE	REVISION	BY	CH	APPROVED
~~B~~	~~4-14-94~~	~~GENERAL REVISION~~			
0	4/21/94	ER 2911			JRH
7	02/11/95	FCN VF-2B-3045 & NOx-0564	BP	GLS	MEM
8	3/24/95	FCN TM-0068	DMM	KQ	MEM
9	3/27/96	REV PER ECN 9719	DAK	HAB	
10	08/15/97	ECN 10764	BP	HAB	
11	3/26/04	ECN 25909	LRO	HAB	
6	12/29/94	REV FCN VF-2B-2787	MJL	GLS	MEM



PLAN AT EL. 100.00' (U N)

NOTES:

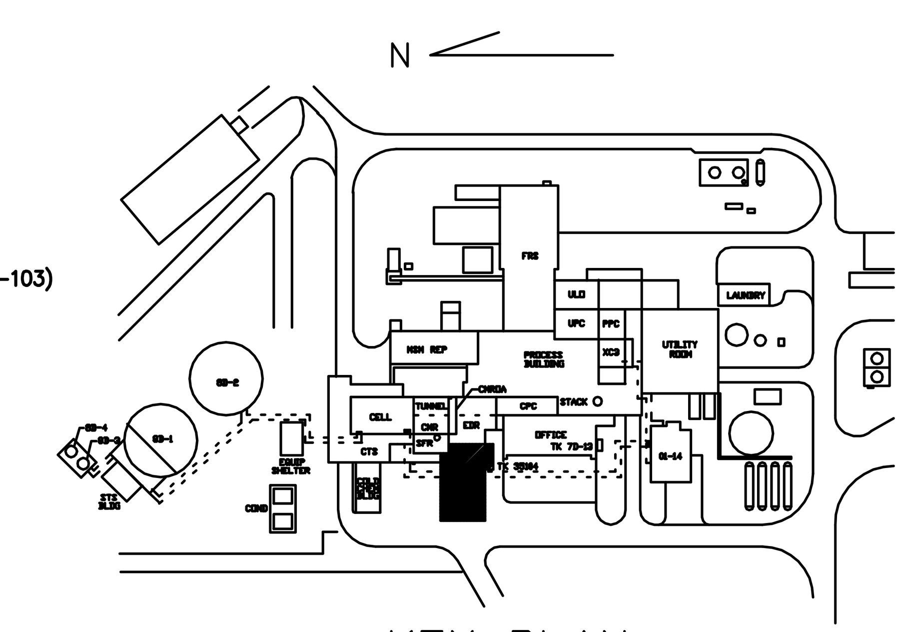
1. FOR GENERAL NOTES SEE DWG. 905-D-710 EXCEPT AS NOTED BELOW.
2. LAP SPLICES SHALL BE CLASS B AS PER ACI 318 UNLESS OTEHERWISE NOTED.
3. FOR EXCAVATION, BACKFILL AND CONSOLIDATION REQUIREMENTS, SEE SPECIFICATION NUMBER WVNS-CS-139.
4. ALL REINFORCING BAR SPACING SHOWN IS CENTER TO CENTER (UNLESS OTHER WISE NOTED).
5. REINFORCING BARS MAY BE SHIFTED OR BENT TO CLEAR OPENING, ANCHOR BOLTS, DRAINS AND EMBEDDED ITEMS. NO REINFORCING BARS SHALL BE CUT OR SUBSTITUTED BY A DIFFERENT DIAMETER BAR UNLESS APPROVED BY ENGINEER.
6. ALL WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A 185-79.
7. WATERSTOP SHALL BE SERVICED/DURA JOINT POLYVINYL CHLORIDE WATERSTOP TYPE 13 AS MANUFACTURED BY CONSTRUCTION PRODUCT DIVISION, W.R. GRACE OR APPROVED EQUAL AND SHALL BE CONTINUOUS. ALL WATERSTOPS SHALL BE MINIMUM 6 INCHES UNLESS OTHERWISE NOTED.
8. AT ALL CONSTRUCTION JOINTS (C.J.) WHERE NO FORMED KEYWAY IS SHOWN ON THE DRAWING, THE CONCRETE SHALL BE ROUGHENED WITH FULL AMPLITUDE OF 1/4 INCH AND CONSTRUCTION JOINT SHALL BE THOROUGHLY CLEANED, ALL LAITANCE AND STANDING WATER REMOVED.
9. WATERPROOFING OF BELOW GRADE WALLS SHALL BE COAL TAR EPOXY WATERPROOF COATING AS PER SPECIFICATION CS-139.
10. SHEAR LUGS NOT SHOWN FOR CLARITY.
11. FIELD "AS BUILT" DIMENSIONS AS SHOWN.
12. PLACE BOND BREAKER BETWEEN FOOTERS & DUCTBANK.
13. (11) TEMPORARY CONCRETE SLAB APPROX 3" THICK, INSTALLED FEB. 2004. 4,000 PSI WITH 10 X 10 WWF SLAB CAST ON 3 MIL. POLY SHEET AS BOND BREAKER. PERIMETER FORMS CONSIST OF 2" X 2" ALUMINUM ANGLE ATTACHED TO CONCRETE FLOOR AND STEEL EMBEDDMENT PLATES WITH POWDER ACTUATED FASTENERS. FORMS REMAIN IN PLACE



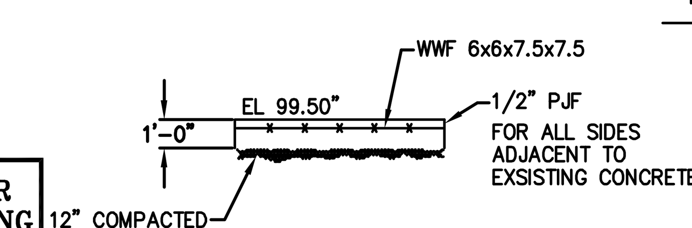
DETAIL "J" (I7)
SEE DWG 907-D-103 DETAIL "K" (I12)

REFERENCE DRAWINGS:

VITRIFICATION FACILITY LOAD-IN BUILDING FOUNDATION PLAN AND DET'S.	907-D-102
VITRIFICATION FACILITY LOAD-IN BUILDING FOUNDATION PLAN AND DET'S.	907-D-103
VITRIFICATION FACILITY LOAD-IN BUILDING FOUNDATION EMB. DET'S.	907-D-104
VITRIFICATION FACILITY LOAD-IN BUILDING STEEL FRAMING & DET'S	907-D-106
OFFICE COMPLEX INSIDE SECURED AREA SITE PLAN-SEWER, GAS WATER, FIRE MAIN & ELECTRIC	900-D-253
ELECT DISTRIBUTION U/G SECT'S & DET'S	30A-P-34
VITRIFICATION FACILITY LOAD-IN BUILDING ARCH. PLANS & DET'S	907-D-150
VITRIFICATION FACILITY LOAD-IN BUILDING EMB. PIPING PLAN	907-D-065
VITRIFICATION FACILITY LOAD-IN BUILDING EMB. PIPING SECTIONS & DET'S	907-D-066
VITRIFICATION FACILITY LOAD-IN BUILDING EMB. HOT CELL DRAIN DET'S	907-D-067
EDR - SHIELD TORNADO DOOR, DOOR 63-M-003 CONSTRUCTION DWG.	63-M-003-1C
EDR MODIFICATION DOOR SUPPORTS AND DET'S. SHT. 1	905-D-186
VITRIFICATION FACILITY GENERAL NOTES AND REFERENCE DRAWINGS	905-D-710
MISC. FOUNDATION DETAILS	907-D-111



KEY PLAN



SECTION S-S (F2)

VERIFY ALL DOCUMENTS FOR CURRENT REVISION AND PENDING CHANGES PRIOR TO EACH USE
INIT ______ DATE ______

WORK THIS DRAWING WITH DWG 907-D-102, 103, & 104

FOR DRAWING INDEX SEE DRAWING NO. ______

WVNS APPROVAL
COG. MGR. T E COTTRELL 4/19/94
COG. ENGR. L E DONOVAN 4/19/94
DRFT. SUPR. JOHN HORTON 4/21/94
Q.A. APPVL. DAVE DEMPSTER 4/19/94
SYS ENGR APPVL. L E DONOVAN 4/19/94

APPRVD WVNS CO	
PROJECT MGR M. KACZMARSKY	4-05-94
ENGINEER SUPV W. CHAO	4-05-94
LEAD DISC ENG P. HARRISON	3-31-94
DESIGN J. SHIEH	3-31-94
CHECKED M. HSU	3-31-94
DRAWN R. ARBAI	DATE 3-31-94

Raytheon Engineers & Constructors. - EBASCO Division
A/E O.F.S. NO. 4889 FOR TASK ORDER 032

WEST VALLEY NUCLEAR SERVICES COMPANY, INC
WEST VALLEY, NEW YORK

WEST VALLEY DEMONSTRATION PROJECT

VITRIFICATION FACILITY LOAD-IN BUILDING FOUNDATION PLAN AND DETAILS

DE-AC07-81NE44139 PROJECT NO.
19-CWV-02275 SUBCONTRACT NO.
ISSUED FOR CONSTRUCTION

SIZE D | INDEX CODE NUMBER: AREA, DR. TYP, CL, ORIG
SCALE 3/16"=1'-0" | SPEC. CODES
DRAWING NO. 907-D-101 | REV. 11
A/E SHEET NO. 907-D-101 B

138980 1=32.00